

Abstract

This invention aims to improve the reliability of an electronic control system which drives an actuator on conveyance operation based on an electrical signal to make adjustments such as acceleration/deceleration and movement direction of a conveyance, by achieving a power unit for conveyances having a power source with no need of charge and with little performance deterioration, thereby allowing for practical application of high-performance conveyances.

The present invention relates to a power unit for conveyance comprising a main power source and a stand-by power source, which is characterized in that a thermal battery is provided as the stand-by power source, and a conveyance which is provided with an electronic control system and the power unit for conveyance of the present invention, is constituted so that electric power for operating the electronic control system is supplied to the electronic control system from the power unit for conveyances. By employing a thermal battery as the stand-by power source as thus, the stand-by power source does not require to be charged and the long-term reliability of the stand-by power source is also ensured.